Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (currently amended): A method for implementing an adaptive mixing energy ratio in an image-editing environment, comprising ~~the following steps~~:

(a) applying at least one audio analysis technique to a session of video footage stored in a computer readable media for performing an analysis, wherein the footage is analyzed with respect to predefined auditory patterns and non-predefined auditory patterns;

(b) demarcating the session of video footage into a plurality of segments;

(c) determining a mixing energy ratio for each of the plurality of segments according to the audio analysis;

(d) interpolating the mixing energy ratio for each of the plurality of segments to produce a mixing energy ratio profile; and

(e) applying the mixing energy ratio profile to the session of video footage.

2 (cancelled)

3 (currently amended): The method of claim 1, ~~wherein step (a)~~ further comprising ~~comprises~~ applying at least a video analysis technique to a session of video footage stored in a computer readable media for performing an analysis.

4 (currently amended): The method of claim [[1]] 3, wherein ~~step (a) comprises applying a plurality of analysis techniques to a session of video footage stored in a computer readable media for performing an analysis,~~ the footage is analyzed by ~~techniques being~~ audio analysis techniques, video analysis techniques, or a combination of audio and video analysis techniques.

2

5 (currently amended): The method of claim 1, wherein the demarcating step (b)

comprises demarcating the session of video footage into a plurality of segments

based on predetermined run-time lengths.

5   6 (currently amended): The method of claim 1, wherein the demarcating step (b)

comprises demarcating the session of video footage into a plurality of segments

based on contents of the footage.

7 (original): The method of claim 1, wherein the analysis returns predetermined

10   parameters corresponding to properties of the footage for each of the plurality of

segments.

8 (cancelled)

15   9 (currently amended): The method of claim [[8]] 1, wherein the predefined auditory

patterns include:

audio clips in an audio clip database including:

specific music melodies;

specific speech sentences;

20   specific sounds of living creatures; and

specific sounds of special events; and

manually defined audio segments.

10 (currently amended): The method of claim [[8]] 1, wherein the non-predefined

25   auditory patterns include:

speech in a quiet environment;

applause and laughter following a section of speech or music;

high-mood music;

3

spoken keywords;

stress placed on a specific section of speech;

a recognizable relationship between length of speech segment and tempo of

music;

5   a recognizable relationship between tempo of speech segment and tempo of

music;

a recognizable relationship between length of speech segment and musical

passages; and

a recognizable relationship between length of speech segment and a space

10   between musical passages.

11 (currently amended): The method of claim [[7]] 1, ~~wherein step (a)~~ further ~~comprises~~

comprising analyzing the footage with respect to predefined video patterns and

non-predefined video patterns.

15

12 (original): The method of claim 1, wherein the mixing energy ratio is a ratio of an

audio energy of a first soundtrack to an audio energy of a second soundtrack.

13 (original): The method of claim 12, wherein the first soundtrack is a speech soundtrack

20   or a music soundtrack.

14 (original): The method of claim 12, wherein the second soundtrack is a speech

soundtrack or a music soundtrack.

25   15 (original): The method of claim 12, wherein the first soundtrack and the second

soundtrack each comprise a plurality of channels.

16 (currently amended): The method of claim 1, wherein the determining step ~~(c)~~

4

comprises determining an average mixing energy ratio point for each of the

plurality of segments.

17 (currently amended): The method of claim 1, wherein the determining step ~~(c)~~

5   comprises determining a plurality of mixing energy ratio points for each of the

plurality of segments.

18 (currently amended): The method of claim 1, wherein the step ~~(e)~~ of applying the

mixing energy ratio profile to the session of video footage comprises applying an

10   adaptive mixing energy ratio to segments of special interest and applying an

average mixing energy ratio to remaining segments of the session of video footage.

19 (currently amended): The method of claim 1, wherein the interpolating step ~~(d)~~

comprises interpolating the mixing energy ratio for each of the plurality of segments

15   to produce a mixing energy ratio profile, the maximum gradient of the mixing

energy ratio profile being limited according to a predefined limit.